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PHOTOGRAPHIC INTERPRETATION REPORT

MAIN SUPPORT BASE AND AIRFIELD
PLESETSK MISSILE AND SPACE CENTER
USSR

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MAIN SUPPORT BASE AND AIRFIELD, PLESETSK MISSILE AND SPACE CENTER, USSR

SUMMARY/CONCLUSIONS

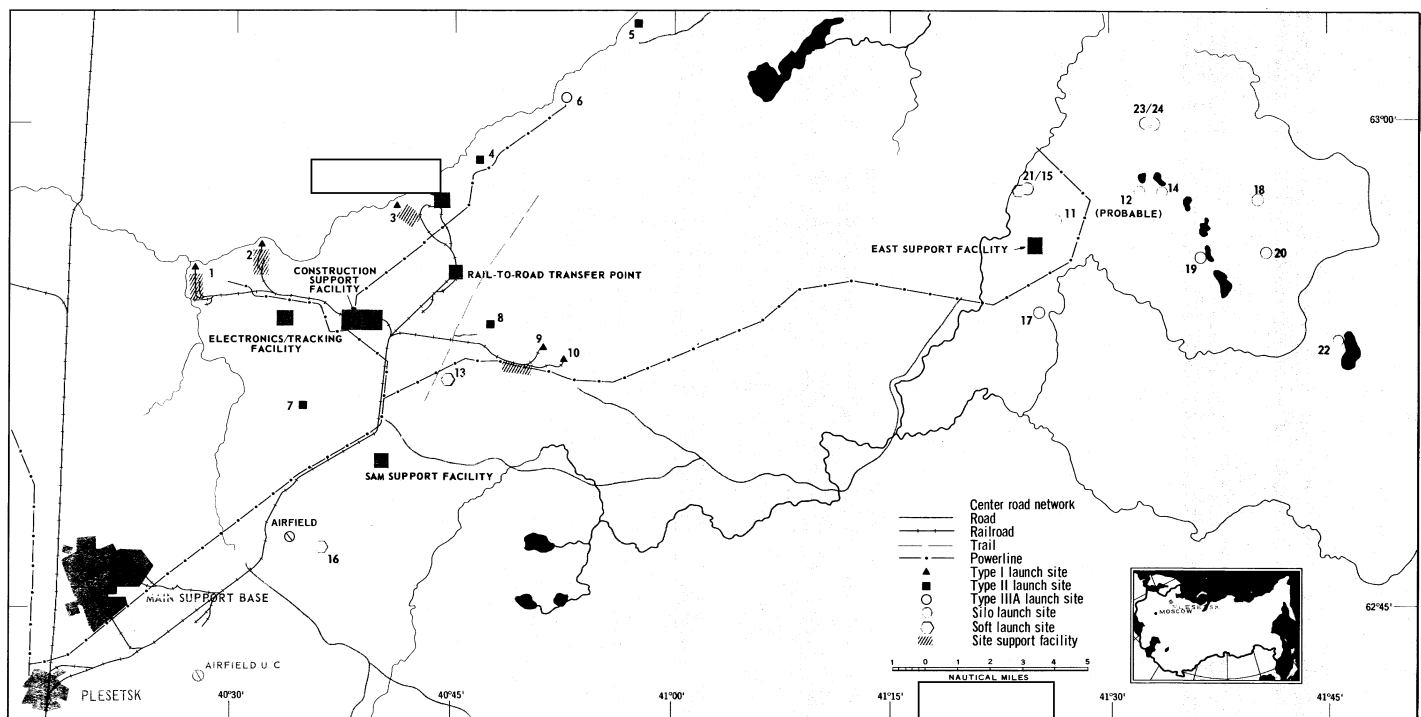
The Plesetsk Missile and Space Center (PMSC), USSR, has the four major functions of (1) missile training/orientation center, (2) space vehicle launching facility, (3) ICBM

complex, and (4) research and development center for prototype ICBM systems. The Main Support Base is the principal support area for the PMSC. The Base consists of a materiel receiving and storage area, an administration and housing area, three electronics facilities, a missile receiving and inspection facility, and other general support facilities.

A new airfield supporting the PMSC is under construction southeast of the Main Support Base.

MAIN SUPPORT BASE

The Main Support Base is located at 62-45-53N 040-21-47E, approximately 4.1 nautical miles (nm) northeast of the



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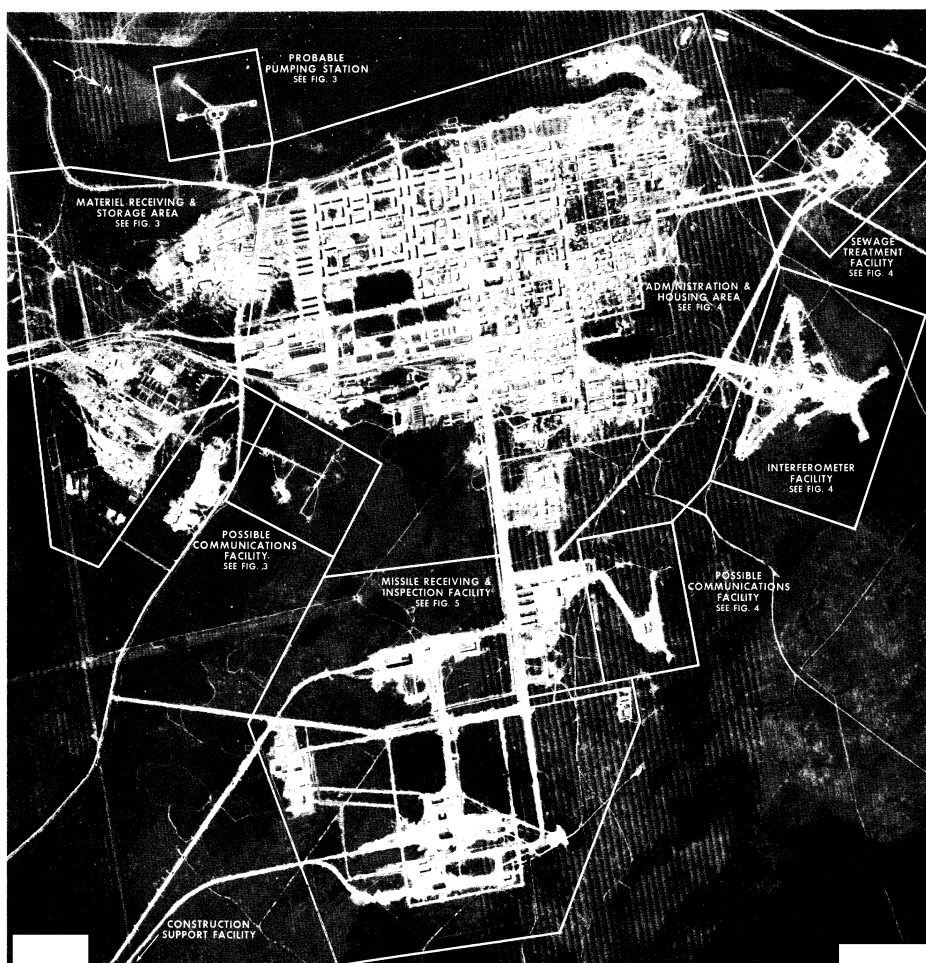


FIGURE 2. FACILITIES OF MAIN SUPPORT BASE.

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town of Plesetsk, USSR (Figure 1). It was first observed on photography of [] and at that time consisted of a materiel receiving and storage area (Figure 3), an administration and housing area (Figure 4), and a construction support facility. Subsequent photographic coverage has revealed the addition of a high-resolution interferometer (Figure 4), two possible communications facilities (Figures 3 and 4), a missile receiving and inspection facility (Figure 6), and the enlargement of the administration and housing facilities, including a probable pumping station (Figure 3) and a large sewage treatment facility (Figure 4).

The materiel receiving and storage area (Figure 3), located in the central and southwestern part of the Main Support Base, contains eight large rail-served warehouses, 35 storage sheds, and 172 other support buildings and structures of various types. A large number of these are contained in a probable construction camp/support area and a heating facility. The probable construction camp/support area, situated in the southeastern corner of the receiving and storage area, consists of a probable batch plant, seven storage buildings, eight storage sheds, a probable messhall, eight barracks, an administration building, one rail-served building, and 38 additional buildings and structures. The heating facility, situated in the northern part of the receiving and storage area, consists of a heat plant, three large earth-banked tanks, two small tanks, eight smaller tanks, one T-shaped building, and a number of support buildings. A steamline serving the missile receiving and inspection facility of the Support Base extends from the heating facility along the south side of the central road. Steamlines serving the administration and housing area also originate at the heating facility and have been buried.

The administration and housing area (Figure 4), located north and west of the materiel receiving and storage area, covers an area of approximately 9 square nm. It contains 76 barracks, 172 multiple-family dwellings, one confirmed and three probable schools and training facilities, one confirmed and two probable messhalls, six probable recreation centers./messhalls, five probable recreation buildings, two probable fieldhouses (one under construction), one probable shopping center, two T-shaped administration buildings, one probable auditorium, and approximately 302 other support buildings and structures.

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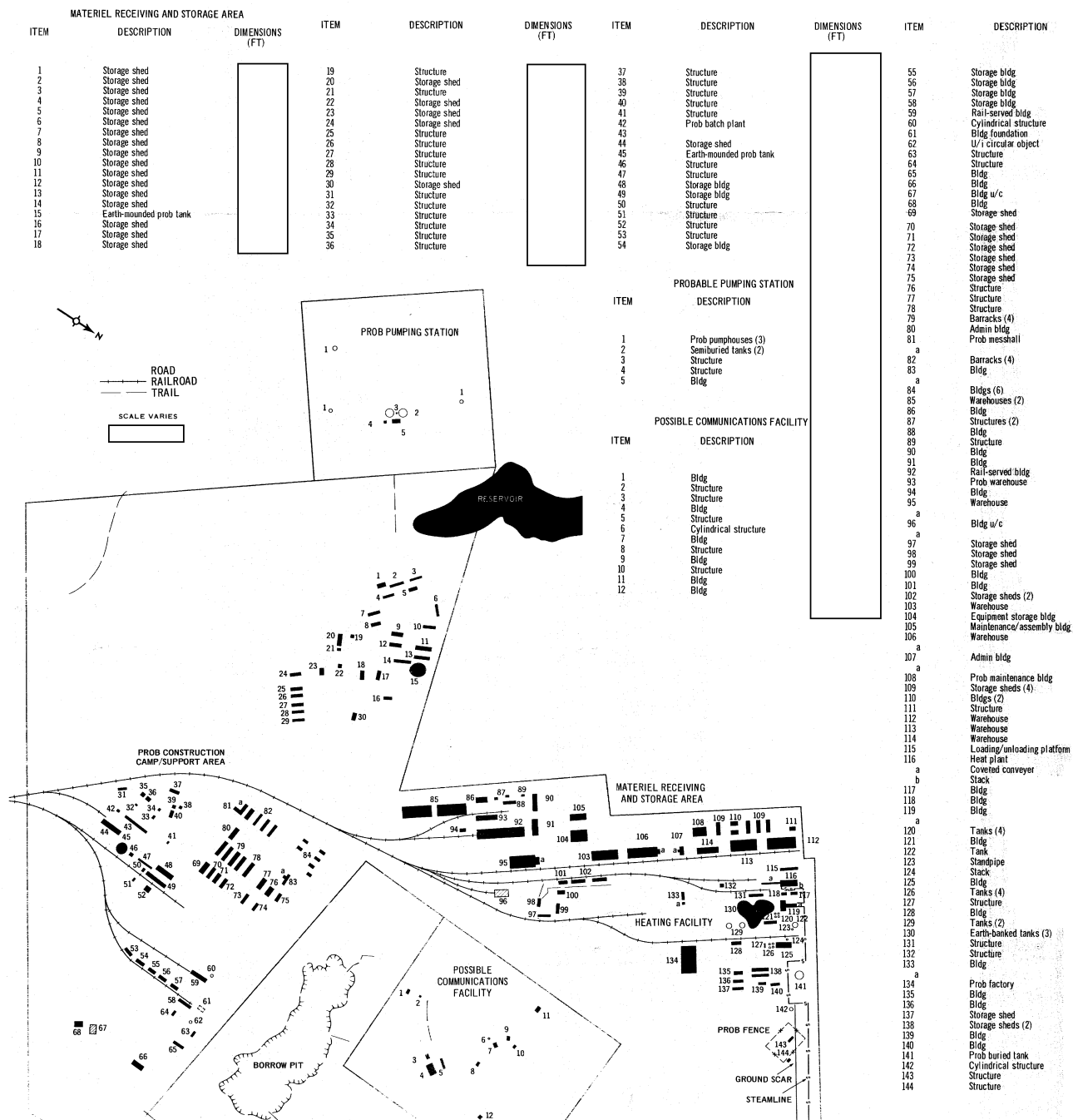
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FIGURE 3. LAYOUT OF MATERIAL RECEIVING AND STORAGE AREA.

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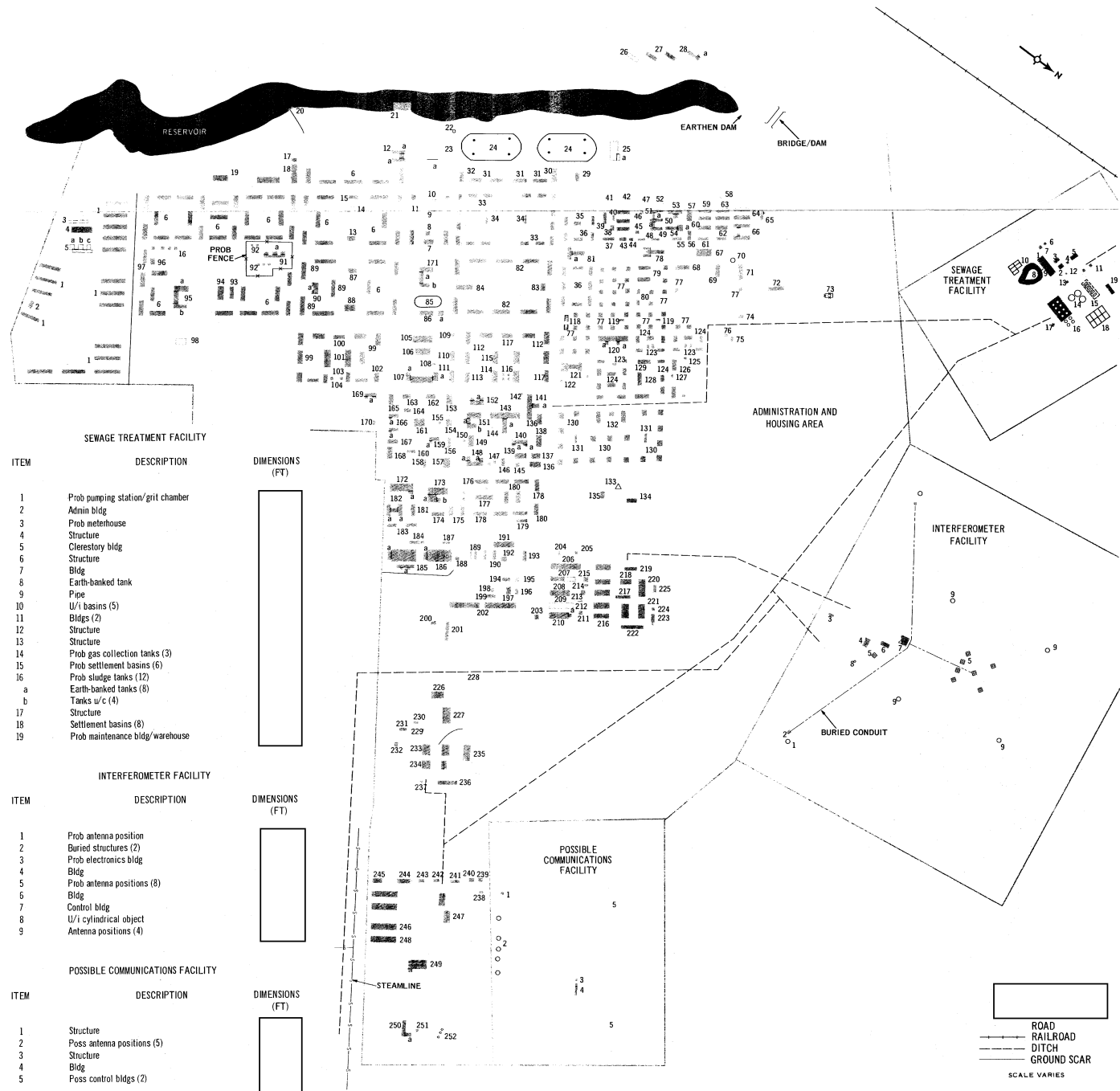


FIGURE 4. LAYOUT OF ADMINISTRATION AND HOUSING AREA.

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The missile receiving and inspection facility (Figure 5) is relatively large and comprises the eastern part of the Main Support Base. The easternmost area of the receiving and inspection facility is similar to, and appears to serve the same function as, the Missile Receiving and Checkout Area at Launch Complex C of the Kapustin Yar/Vladimirovka Missile Test Center. 1/ The western area of the facility

contains a multistory masonry building similar to that identified in the support facility of Launch Complex A, Tyuratam Missile Test Center. 1/ The missile receiving and inspection facility consists of two rail-served secured receiving and handling areas. Buildings and structures consist of three security buildings, one large rail-through missile receiving and inspection building, two large missile storage buildings

(one under construction), five rail-served buildings, two small equipment storage buildings, three probable buried structures, two loading/unloading docks, one administration building, and 23 other buildings and structures of various types. Nine of these buildings and structures comprise a [redacted] situated in the southeastern part of the receiving and inspection facility.

TABLE FOR ADMINISTRATION AND HOUSING AREA (FIGURE 4)

ITEM	DESCRIPTION	DIMENSIONS (FT)	ITEM	DESCRIPTION	DIMENSIONS (FT)	ITEM	DESCRIPTION	DIMENSIONS (FT)	ITEM	DESCRIPTION	DIMENSIONS (FT)	ITEM	DESCRIPTION	DIMENSIONS (FT)
1	Multiple-family dwellings (17)	a	50	Passageway		99	Bks (9)		151	Prob laboratory		198	Structure	
2	Structure	a	51	Prob bks (1)		100	Bldg		152	Admin bldg		199	Bldg	
3	Bldg foundation	a	52	Passageway		101	Prob recreation centers/messhalls (2)		153	Bldg		200	Structure	
4	Structure	a	53	Prob bks (1)		102	Bldg		154	Bldg		201	Storage shed	
5	Prob kindergarten u/c	a	54	Prob messhall		103	Bldg		155	Structure		202	Warehouses (2)	
a		a	55			104	Structures (2)		156	Bldg		203	Bldg	
b		a	56	Bldg		105	Admin bldg		157	Bldg		204	Bldg	
c		a	57	Bldg		106	Bldg		158	Bldg		205	Bldg	
6	Multiple-family dwellings (58)	a	58	Structure		107	Bldg		159	Bldg		206	Warehouse	
7	Bldg	a	59	Prob maintenance bldg		a			160	Bldg		207	Warehouse u/c	
8	Structure	a	60	Prob storage bldgs (2)		108	Structure		161	Bldg u/c		208	Warehouse	
9	Structure	a	61	Bldg		109	Structure		162	Bldg		209	Prob foundation	
10	Bldg	a	62	Prob storage bldg		110	Bldg		163	Bldg		210	Prob shop	
11	Bldg	a	63	Prob storage bldgs (2)		111	Bldg		164	Bldg		211	Bldg	
12	H-shaped bldg	a	64	Prob bks (2)		112	Prob bks (6)		165	Bldg		212	Structure	
a		a	65	Prob admin bldg		113	Bldg		166	Bldgs (2)		213	Bldg	
13	Bldg	a	66	Prob shop bldgs (2)		114	Bldgs (2)		167	Bldg		214	Structure	
14	Structure	a	67	Prob shop bldg		115	Prob recreation centers/messhalls (2)		168	Bldg		215	Bldg	
15	Bldg	a	68	Prob warehouse		116	Structures (4)		169	Admin bldg		216	Prob shops/warehouses (5)	
16	Structures (4)	a	69	Bldg		117	Bldgs (2)		170	Structure		217	Storage shed	
17	Structure	a	70	Tank		118	Prob bldg excavation		171	Training institute/school		218	Storage shed	
18	Multiple-family dwellings (2)	a	71	Bldg		119	Structures (2)		172	Prob maintenance bldg		219	Bldg	
19	Bldg	a	72	Storage shed		120	Bldg		173	Prob training center		220	Warehouse	
20	Prob dock	a	73	Fenced structures (2)		a			174	Prob warehouse		221	Warehouses (2)	
21	Prob dock	a	74	Bldg		121	Prob technical school		175	Bldgs (2)		222	Storage shed	
22	Cylindrical structure	a	75	Bldg		122	Structures (2)		176	Prob messhall		223	Storage shed	
23	Prob auditorium	a	76	Structure		123	Structures (6)		177	Prob admin bldg		224	Structure	
a		a	77	Prob 2-family dwellings (41)		124	Bks (22)		178	Bks (4)		225	Bldg	
24	Athletic fields (2)	a	78	Prob school		125	Structures (2)		179	Bldg		226	Prob maintenance/shop bldg	
25	Prob fieldhouse u/c	a	79	Prob recreation centers (2)		126	Prob storage bldgs (2)		180	Bks (6)		227	Bldg	
26	Prob bldg foundation	a	80	Bldgs (2)		127	Structure		181	Bldg		228	Bldgs (2)	
27	Prob storage bldgs (2)	a	81	Messhall		128	Prob admin bldg		182	Prob admin bldg		229	Structure	
28	Admin/storage bldg	a	82	Multiple-family dwellings (10)		129	Prob recreation centers/messhalls (2)		183	Structures (2)		230	Structure	
a		a	83	Bldg		130	Prob 4-family dwellings (1)		184	Bldg u/c		231	Structure	
29	Bldg	a	84	Prob recreation bldg		131	Structures (2)		185	Maintenance/shop bldg		232	Structure	
30	Bldg	a	85	Athletics field		132	Prob recreation bldgs (2)		186	Warehouses (2)		233	Equipment maintenance bldgs (2)	
31	Multiple-family dwellings (4)	a	86	Prob fieldhouse		133	Tower		187	Storage shed		234	Equipment maintenance bldgs (2)	
32	Bldg	a	87	Associated bldg		134	Bldg		188	Columnar structure		235	Bldg	
33	Multiple-family dwellings (16)	a	88	Bldg		135	Bldgs (2)		189	Storage sheds (3)		236	Bldg	
34	Bldgs (2)	a	89	Multiple-family dwellings (5)		136	Bldg		190	Storage shed		237	Structure	
35	Bldg	a	90	Admin bldg		137	Bldg		191	Equipment storage bldg		238	Structure	
36	Bks (15)	a	91	Kindergarten		138	Bldg		192	Bldg		239	Bldg	
37	Bldg	a	92	Structures (5)		139	Bldg		193	Bldg		240	Bldg	
38	Bldg	a	93	Bldg		140	Admin bldg		194	Bldg		241	Bldg	
39	Bldg	a	94	Structure		a			195	Structure		242	Bldg	
40	Bldg	a	95	Prob shopping center		141	Admin bldg		196	Structure		243	Bldg	
41	Bldg	a	96	Bldg		142	Structure		197	Bldg		244	Prob bldg	
42	Prob bks (4)	a	97	Bldg foundation		143	Headquarters bldg					245	Bldg	
43	Bldg	a	98			144	Structure					246	SRF bks (3)	
44	Structure	a				145	Structure					247	Bldgs (2)	
45	Structure	a				146	Bldg					248	Bldg	
46	Structure	a				147	Structures (2)					249	Bldg u/c	
47	Bldg	a				148	Admin bldg					250	Bldg	
48	Bldgs (2)	a				a						251	Structure	
49	Prob bks (1)	a				149	Bldg					252	Prob antenna positions (3)	
		a				150	Structure					oa	Overall dimensions	

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Construction activity is evident in all areas of the Support Base. The most recent construction observed is in progress southwest of the probable construction camp/support area in the materiel receiving and storage area and has not been identified.

AIRFIELD

The new airfield (Figure 6) is under construction at 62-43N 040-28E, approximately 4.5 nm southeast of the Main

Support Base. This construction activity was not present on photography of [redacted] and was first observed on photography of [redacted]

Two parallel runways are under construction approximately 650 feet apart and are oriented approximately 050/230 degrees. A taxiway to the north is connected to the runways by taxiways joining the ends of the runways.

Several buildings and structures immediately north of the airfield apparently will serve as the administration and

operations facility for the airfield. A small probable construction camp is located just northwest of the administration and operations facility.

A well defined road connects the new airfield to the Main Support Base and to another airfield east-northeast of the Main Support Base. This second airfield is a sod landing strip and will probably be abandoned upon completion of the airfield now under construction.

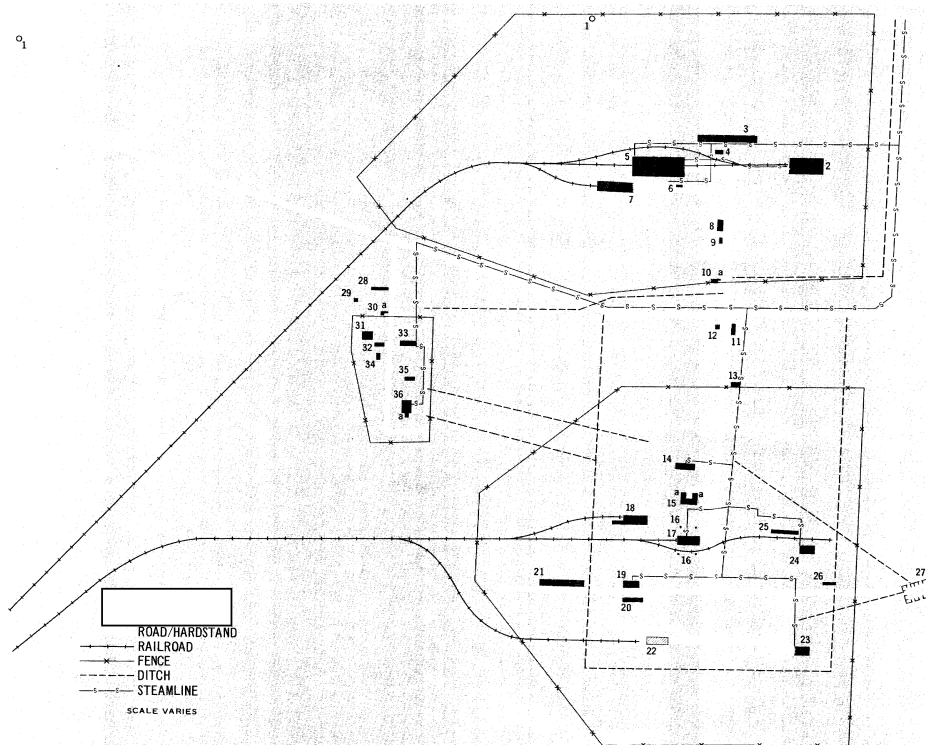


FIGURE 5. LAYOUT OF MISSILE RECEIVING AND INSPECTION FACILITY.

ITEM	DESCRIPTION	DIMENSIONS (FT)
1	Cylindrical structures (2)	
2	Missile assembly/storage bldg	
3	Prob buried structure	
4	Bldg	
5	Missile receiving and inspection bldg	
6	Structure	
7	Loading/unloading dock	
8	Bldg	
9	Structure	
10	Security bldg	
11	Bldg	
12	Bldg	
13	Security bldg	
14	Admin bldg	
15	Prob revetment	
16	Prob lightning arresters (4)	
17	Missile storage bldg	
18	Loading/unloading dock	
19	Bldg	
20	Bldg	
21	Prob buried structure	
22	Missile storage bldg u/c	
23	Equipment storage bldg	
24	Equipment storage bldg	
25	Prob buried structure	
26	Structure	
27	Excavation	
28	Structure	
29	Structure	
30	Security bldg	
31	Bldg	
32	Bldg	
33	Bldg	
34	Structure	
35	Bldg	
36	Bldg	
37	Bldg (2)	
38	Structure	
39	Bldg	

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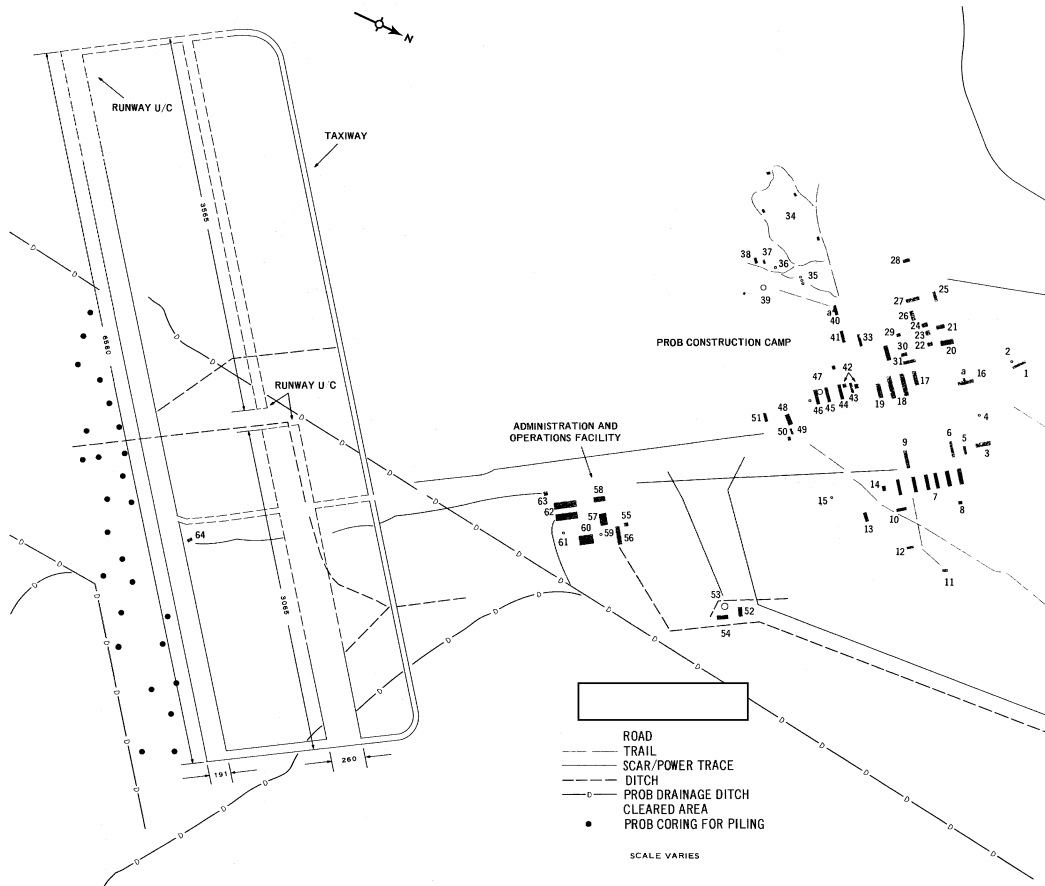
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ITEM	DESCRIPTION	DIMENSIONS (FT)
1	Bldg	
2	Prob tank	
3	Bldg	
4	Prob tank	
5	Bldg	
6	Bldg	
7	Prob bks (6)	
8	Structure	
9	Prob messhall	
10	Structure	
11	Structure	
12	Structure	
13	Bldg	
14	Structure	
15	Prob tank	
16	Administration bldg	
17	Bldg	
18	Bldgs (2)	
19	Bldg	
20	Bldg	
21	Bldg	
22	Structures	
23	Structure	
24	Structure	
25	Bldg	
26	Bldg	
27	Bldg	
28	Bldg	
29	Structure	
30	Structure	
31	Bldg	
32	Bldg	
33	Bldg	
34	Prob instrumentation positions (4)	
35	Prob instrumentation positions (3)	
36	Prob tank	
37	Structure	
38	Structure	
39	Prob tank	
40	Bldg	
41	Bldg	
42	Structure (2)	
43	Bldg	
44	Bldg	
45	Bldg	
46	Bldg	
47	Prob tank	
48	Structure	
49	Structure	
50	Structure	
51	Structure	
52	Bldg	
53	Prob tank	
54	Bldg	
55	Structure	
56	Bldg	
57	Bldg	
58	Bldg	
59	Prob tank	
60	Bldg	
61	Prob tank	
62	Bldgs (2)	
63	Structure	
64	Structure	

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FIGURE 6. LAYOUT OF NEW AIRFIELD (UNDER CONSTRUCTION).

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REFERENCES

DOCUMENT

1. NPIC. *Comparison of Selected Support Facilities at Soviet Test and Space Centers (PMSC, KY/Vlad MTC, and TTMTTC)*, May 67
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RELATED DOCUMENTS

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- NPIC. *Plesetsk Missile and Space Center, USSR (Western Portion)*, Mar 68 (TOP SECRET)

REQUIREMENT

GMAIC. 48-7

NPIC PROJECT

11419AA/67

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